

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-2 (Cancelled)

3. (Currently Amended) An optical filter device ~~according to claim 1~~
comprising:

an optical waveguide layer; and

a filter element including a liquid crystal layer disposed in a position which divides said optical waveguide layer in a waveguide direction, said liquid crystal layer having a twisted structure in which a helical pitch reflects light of a predetermined wavelength.

wherein said filter element is formed by filling a liquid crystal material before curing into a groove which is formed in said optical waveguide layer, and then curing the liquid crystal material.

Claims 4-5 (Cancelled)

6. (Previously Presented) An optical filter device according to claim 3, wherein said liquid crystal layer is formed by stacking a clockwise polarized layer and a counterclockwise polarized layer.

Claims 7-8 (Cancelled)

9. (Original) An optical filter device according to claim 3, wherein said liquid crystal layer has a thickness of 10 to 60 μm .

Claims 10-28 (Cancelled)